

Capital Regional District Solid Waste & Resource Management

Vancouver Island & Coastal Communities Workshop
September 4, 2014

CRD Solid Waste Management Plan



CRD: A complex & mature solid waste management system

Collection

- Municipal and private sector garbage collection
- Regional curbside recycling since 1989 – now funded by MMBC
- Municipal residential kitchen scraps collection programs in place in anticipation of 2015 landfill ban

Disposal & Processing

- Disposal at Hartland regional landfill & Tervita private landfill
- Recyclables processing by MMBC
- Interim kitchen scraps processing secured

All programs are supported with extensive education & outreach

Diversion

- 2014 estimated diversion – 54%, <400kg/capita disposal

Resource Recovery

- 50% landfill gas recovery (utilization facility owned by CRD)

Residual Management

- Current Hartland fill design provides 35 years of landfill life

Financial Management

- Current programs funded primarily from tipping fee revenues
- Diversion success has resulted in expenses exceeding revenues. CRD solid waste financial reserves will be depleted by 2016

Current Challenges



Develop sustainable 2016-2018 budget

- Need to find new funding mechanisms (revenues/expenses)
- Need to review our current diversion target of 70% by 2017

Establish long-term kitchen scraps processing infrastructure

- In region or proximity of region

Maximize landfill life

- Complete landfill capacity study, including aggregate management plan and expansion options

MOE proposed landfill criteria

- CRD recommending performance based (rather than prescriptive) criteria for existing landfills

Recycling depots

- Insufficient funding from MMBC for island depots

Establish a new diversion target:

- Financially sustainable
- Realistic and achievable
- Inspirational and publically supported

Develop a sustainable funding model:

- Reduce expenses
- Increase revenues - may lead to flow management discussion
- Consider utility fees/taxation

Maximize Hartland airspace:

- Optimize diversion, operations & airspace
- Explore new design concepts (Hartland 2100 & beyond)

The New Plan



Integrated Solid Waste and Resource Management Plan (ISWRMP)

- New diversion target
- Sustainable long term funding
- Maximize Hartland airspace

